

CLASSIFICATION:

**UNCLASSIFIED**

BUDGET ITEM JUSTIFICATION SHEET P-40								DATE: <b>February 2004</b>				
APPROPRIATION/BUDGET ACTIVITY <b>PROCUREMENT OF AMMUNITION, NAVY &amp; MARINE CORPS/BA 1</b>							P-1 ITEM NOMENCLATURE <b>5"/54 GUN AMMUNITION</b>					
Program Element for Code B Items: <b>SUBHEAD (FY03 =11AC, FY04=A1AC) BLIN: 025000</b>							Other Related Program Elements					
	Prior Years	ID Code		FY 2003	FY 2004	FY 2005	FY 2006	FY 2007	FY 2008	FY 2009	To Complete	Total
QUANTITY												
COST (In Millions)				16.1	13.2	19.7	37.2	22.3	22.7	23.1		
<p><u>ITEM DESCRIPTION/JUSTIFICATION:</u></p> <p>5"/54 ammunition is fired from cruiser and destroyer type of combatant ships against air, surface, and shore targets. Program procures three types of propelling charges, five types of high-explosive projectiles, two specialty projectiles, two pure training rounds and several ancillary rounds (dummy, gauge and test). Program also supports newly developed multi-function fuze and multi-option fuze modernization.</p> <p><u>PROCUREMENT:</u> The funds are required to procure components, load and assemble complete rounds and conduct acceptance tests.</p> <p><u>PRODUCTION ENGINEERING:</u> Funds requested provide engineering support for items procured in same fiscal year. Support efforts include analysis of producibility and production operations; preparation, test and technical evaluation of engineering changes to correct deficiencies in the production item; preparation, test and technical evaluation of waivers and deviations; value engineering; review and evaluation of production design data and documentation; production configuration control; and other related engineering function which are integral to an item's manufacture.</p>												

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QUANTITY													
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PRODUCT IMPROVEMENT: The requested funds provide engineering services and related effort by the producing contractor or manufacturing installation to extend the useful military life of an item or to improve the item within the current performance envelope. Typically, such improvements take advantage of newly developed materials, progress in the state-of-the-art, improved design and other technical advances to provide improved safety, reduced environmental impact, improved reliability/maintainability/availability, decreased cost, and/or correction of deficiencies exclusive of contractual specifications.

RENOVATION COMPONENTS: The items purchased with funds identified for renovation components will be used to upgrade unserviceable rounds to ready-for-issue condition. The rounds to be renovated will be those with the lowest asset readiness positions.

GAUGE: These funds are required to procure the gauges and test equipments necessary to check critical dimensions/parameters of ammunition items and their parts. This is to assure proper mating of parts and subassemblies, assure correct interfacing between the ammunition and guns, and proper ammunition performance.

NON-STANDARD ITEMS: The non-standard line is to support procurement of ammunition training aids and initial procurements of required non type classified munition items.

All ammo procured with these funds is procured through the Single Manager Conventional Ammunition (SMCA) and the most recent SMCA standard/non-standard price list has been used in pricing the ammo.

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WEAPONS SYSTEM COST ANALYSIS P-5						Weapon System							DATE: February 2004		
APPROPRIATION/BUDGET ACTIVITY PROCUREMENT OF AMMUNITION, NAVY & MARINE CORPS/BA 1						ID Code 025000		P-1 ITEM NOMENCLATURE/SUBHEAD 5"/54 GUN AMMUNITION SUBHEAD (FY03 =11AC, FY04=A1AC)							
COST CODE	ELEMENT OF COST	ID Code	TOTAL COST IN THOUSANDS OF DOLLARS												
			Prior Years				FY 2003			FY 2004			FY 2005		
			Total Cost				Quantity	Unit Cost	Total Cost	Quantity	Unit Cost	Total Cost	Quantity	Unit Cost	Total Cost
AC100	5"/54 AMMUNITION COMPONENTS	D326 D349 D354					54,132	189.67	10,267	13,728	212.25	2,914	21,060	220.92	4,653
	5"/54 CHG, PROP, FULL, MK 67,					12,960	232.37	3,012	18,000	234.15	4,215	18,000	213.56	3,844	
	5"/54 PROJ, BLP/T											1,200	2137.91	2,565	
	5"/54 PROJ, ILLUM														
	PE/QA SMCA							10			10			13	
	*Fund Realignments of Judgement Fund											136			
AC830	PRODUCTION ENGINEERING							1,362			1,800			1,851	
AC850	PRODUCT IMPROVEMENT							1,181			2,592			3,132	
	*Fund Realignments of Judgement Fund										13				
AC893	RENOVATION COMPONENTS										880			3,080	
AC894	GAUGE REQUIREMENTS							287			353			425	
	*Fund Realignments of Judgement Fund										47				
AC895	NON-STANDARD													186	
	*Fund Realignments of Judgement Fund										190				
*This line item includes funds pending realignment to PANMC line item 0365, Judgement Fund, to repay the Treasury for a prior year judgment fund bill.															
SUBTOTAL (PAGE 1 OF P5)									16,119			13,150			19,749

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P-1 SHOPPING LIST

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BUDGET PROCUREMENT HISTORY AND PLANNING EXHIBIT (P-5A)					Weapon System		A. DATE February 2004			
B. APPROPRIATION/BUDGET ACTIVITY PROCUREMENT OF AMMUNITION, NAVY & MARINE CORPS/BA 1					C. P-1 ITEM NOMENCLATURE 5"/54 GUN AMMUNITION BLIN: 025000				SUBHEAD FY03=11AC FY04=A1AC	
Cost Element/ FISCAL YEAR	QUANTITY	UNIT COST	LOCATION OF PCO	RFP ISSUE DATE	CONTRACT METHOD & TYPE	CONTRACTOR AND LOCATION	AWARD DATE	DATE OF FIRST DELIVERY	SPECS AVAILABLE NOW	DATE REVISIONS AVAILABLE
AC100										
5in54 AMMUNITION COMPONENTS										
5"/54 CHG, PROP, FULL, MK 67, UNIVERSAL D326										
FY 2003	54132	189.67	JMC ROCK ISLAND	Oct-02	MIPR	MCLESTER AAP	Feb-03	Jan-05	YES	
FY 2004	13728	212.25	JMC ROCK ISLAND	Oct-03	MIPR	UNKNOWN	Mar-04	Jan-06	YES	
FY 2005	21060	220.92	JMC ROCK ISLAND	Oct-04	MIPR	UNKNOWN	Mar-05	Jan-07	NO	Jul-04
5"/54 PROJ, BLP/T D349										
FY 2003	12960	232.37	JMC ROCK ISLAND	Oct-02	MIPR	CRANE AAA	Mar-03	Feb-05	YES	
FY 2004	18000	234.15	JMC ROCK ISLAND	Oct-03	MIPR	UNKNOWN	Mar-04	Feb-06	YES	
FY 2005	18000	213.56	JMC ROCK ISLAND	Oct-04	MIPR	UNKNOWN	Mar-05	Feb-07	NO	Jul-04
5"/54 PROJ, ILLUM D354										
FY 2005	1200	2137.91	JMC ROCK ISLAND	Oct-04	MIPR	UNKNOWN	Mar-05	Feb-07	NO	Jul-04

D. REMARKS  
  
NOTE: All items shown are priced with available GFM.

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[illegible]







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